

Oct 4/6/85

POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT			
REGION	SITE NUMBER (to be signed by HQ)		
6	TX 15407		
NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.			
GENERAL INSTRUCTIONS: Complete Sections I and II through X as completely as possible before Section III (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Case Force (CN-3732), 401 M St., SW, Washington, DC 20460.			
I. SITE IDENTIFICATION TXD 026 988 /05			
A. SITE NAME Lane Aviation, Inc.	B. STREET (or other identifier) and 0.6 miles SW of US 59	EAST side of FM 2218	
C. CITY Rosenburg	D. STATE Texas	E. ZIP CODE 77471	F. COUNTY NAME Fort Bend
G. OWNER/OPERATOR (If known)			
I. NAME Grant E. Lane - President	P. O. Box 432 Rosenburg, Texas 77471	J. TELEPHONE NUMBER 713/342-5457	
H. TYPE OF OWNERSHIP	<input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> COUNTY <input type="checkbox"/> MUNICIPAL <input checked="" type="checkbox"/> PRIVATE <input type="checkbox"/> UNKNOWN		
I. SITE DESCRIPTION 5 acres with airstrip, office, hangars and storage buildings owned by George Lane - Chairman of the Board.			
J. HOW IDENTIFIED (Info. source's compliance, OSRA, CERCLA, etc.) Texas Department of Agriculture	K. DATE IDENTIFIED (Year, Month & Day) 10/20/84		
L. PRINCIPAL STATE CONTACT			
M. NAME Robert Chapin, TDWR	N. TELEPHONE NUMBER 512/475-6371		
II. PRELIMINARY ASSESSMENT (complete this section last)			
A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN			
B. RECOMMENDATION <input checked="" type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. SITE INSPECTION NEEDED <input type="checkbox"/> 3. TENTATIVELY SCHEDULED FOR: <input type="checkbox"/> 4. WILL BE PERFORMED BY: <input type="checkbox"/> 5. WILL BE PERFORMED BY: <input type="checkbox"/> 6. SITE INSPECTION NEEDED (new priority)			
C. PREPARER INFORMATION I. NAME Henry E. Simpson			
J. TELEPHONE NUMBER 713/943-2922			K. DATE (Year, Month & Day) 3/15/85
III. SITE INFORMATION			
A. SITE STATUS <input checked="" type="checkbox"/> 1. ACTIVE (There is material or municipal solid waste being used for waste treatment, storage, or disposal on a continuing basis, even if in large quantity). <input type="checkbox"/> 2. INACTIVE (These areas which no longer receive material which no longer receive material).			
3. OTHER (specify): SUPERPOUND FILE			
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (Specify generator's four-digit SIC Code) 0721			
C. AREA OF SITE (in acres) 5			
D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg-min-sec) 29° 32' N			
2. LONGITUDE (deg-min-sec) 95° 47' W			
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (Specify) office, hangars, storage buildings			
Reviewed by GAWSC 1/2/85			
T270-2 (0-71)			
Continued on Reverse			

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IV. CHARACTERIZATION OF SITE ACTIVITY

(Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.)

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSE
<input type="checkbox"/> 1. RAIL	<input type="checkbox"/> 1. PILE	<input type="checkbox"/> 1. FILTRATION	<input checked="" type="checkbox"/> 1. LANDFILL
<input type="checkbox"/> 2. SHIP	<input type="checkbox"/> 2. SURFACE IMPOUNDMENT	<input type="checkbox"/> 2. INCINERATION	<input type="checkbox"/> 2. LANDFARM
<input type="checkbox"/> 3. BARGE	<input type="checkbox"/> 3. DRUMS	<input type="checkbox"/> 3. VOLUME REDUCTION	<input type="checkbox"/> 3. OPEN DUMP
<input type="checkbox"/> 4. TRUCK	<input type="checkbox"/> 4. TANK, ABOVE GROUND	<input type="checkbox"/> 4. RECYCLING/RECOVERY	<input type="checkbox"/> 4. SURFACE IMPOUNDMENT
<input type="checkbox"/> 5. PIPELINE	<input type="checkbox"/> 5. TANK, BELOW GROUND	<input type="checkbox"/> 5. CHEMICALS/TREATMENT	<input type="checkbox"/> 5. MUDPILE DUMPING
<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. BIOLOGICAL TREATMENT	<input type="checkbox"/> 6. INCINERATION
		<input type="checkbox"/> 7. WASTE OIL REPROCESSING	<input type="checkbox"/> 7. UNDERGROUND INJECTION
		<input type="checkbox"/> 8. SOLVENT RECOVERY	<input checked="" type="checkbox"/> 8. OTHER (specify):
			All rinsate and wash water sprayed over field.

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

See P.A. Comments

V. WASTE RELATED INFORMATION

A. WASTE TYPE

1. UNKNOWN 2. LIQUID 3. SOLID 4. SLUDGE 5. GAS

B. WASTE CHARACTERISTICS

1. UNKNOWN 2. CORROSIVE 3. IGNITABLE 4. RADIACTIVE 5. HIGHLY VOLATILE

6. TOXIC 7. REACTIVE 8. INERT 9. FLAMMABLE

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as nonlisted, inapplicable, etc. below.

NO

2. Estimate the amount (specify unit of measure) of waste by category: mark 'X' to indicate which wastes are present.

A. SLUDGE	B. OIL	C. SOLVENTS	D. CHEMICALS	E. SOLIDS	F. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
NONE	NONE	NONE	UNKNOWN	NONE	NONE
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
<input checked="" type="checkbox"/> 11. PAINT, PIGMENTS	<input checked="" type="checkbox"/> 12. OILY WASTES	<input checked="" type="checkbox"/> 13. HALOGENATED SOLVENTS	<input type="checkbox"/> 14. ACIDS	<input type="checkbox"/> 15. FLUIDS	<input type="checkbox"/> 16. LABORATORY PHARMACEUT.
<input type="checkbox"/> 17. METAL SLUDGES	<input type="checkbox"/> 18. OTHER (specify):	<input type="checkbox"/> 19. NONHALOGENATED SOLVENTS	<input type="checkbox"/> 20. PICKLING LIQUORS	<input type="checkbox"/> 21. ASBESTOS	<input type="checkbox"/> 22. HOSPITAL
<input type="checkbox"/> 23. POTW		<input type="checkbox"/> 24. OTHER (specify):	<input type="checkbox"/> 25. CAUSTICS	<input type="checkbox"/> 26. MILLING/MINE TAILINGS	<input type="checkbox"/> 27. RADIOACTIVE
<input type="checkbox"/> 28. ALUMINUM SLUDGE			<input type="checkbox"/> 29. PESTICIDES	<input type="checkbox"/> 30. FERROUS	<input type="checkbox"/> 31. MUNICIPAL
<input type="checkbox"/> 32. OTHER (specify):			<input type="checkbox"/> 33. OILS/INKS	<input type="checkbox"/> 34. NON-FERROUS SOLIDS	<input type="checkbox"/> 35. OTHER (specify):
			<input type="checkbox"/> 36. CYANIDE	<input type="checkbox"/> 37. OTHER (specify):	
			<input type="checkbox"/> 38. PHENOLS		
			<input type="checkbox"/> 39. HALOGENS		
			<input type="checkbox"/> 40. PCB'S		
			<input type="checkbox"/> 41. METALS		
			<input type="checkbox"/> 42. OTHER (specify):		

Continued From Page 2

V. WASTE RELATED INFORMATION (continued)				
3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in decreasing order of hazard)				
Propinal - about 6000 gal/yr	Methyl Parathion - about 200 gal/yr			
Basagran - about 100 gal/yr	Ordram - about 6000#/yr			
Cythion - about 150 gal/yr	Parathion - about 200 gal/yr			
Galacron - about 50 gal/yr	Sevin XLR - about 400 gal/yr			
Guthion 2L - about 60 gal/yr				
4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.				
VI. HAZARD DESCRIPTION				
A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark X)	C. ALLEGED INCIDENT (mark X)	D. DATE OF INCIDENT (MM/DD/YY)	E. REMARKS
1. NO HAZARD	X	-	-	-
2. HUMAN HEALTH	-	-	-	-
3. NON-WORKER INJURY/EXPOSURE	-	-	-	-
4. WORKER INJURY	-	-	-	-
5. CONTAMINATION OF WATER SUPPLY	-	-	-	-
6. CONTAMINATION OF FOOD CHAIN	-	-	-	-
7. CONTAMINATION OF GROUND WATER	-	-	-	-
8. CONTAMINATION OF SURFACE WATER	-	-	-	-
9. DAMAGE TO FLORA/FAUNA	-	-	-	-
10. FISH KILL	-	-	-	-
11. CONTAMINATION OF AIR	-	-	-	-
12. NOTICEABLE ODORS	-	-	-	-
13. CONTAMINATION OF SOIL	-	-	-	-
14. PROPERTY DAMAGE	-	-	-	-
15. FIRE OR EXPLOSION	-	-	-	-
16. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUIDS	-	-	-	-
17. SEWER, STORM DRAIN PROBLEMS	-	-	-	-
18. EROSION PROBLEMS	-	-	-	-
19. INADEQUATE SECURITY	-	-	-	-
20. INCOMPATIBLE WASTES	-	-	-	-
21. MIDNIGHT DUMPING	-	-	-	-
22. OTHER (specify):	-	-	-	-

Continued From Front

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE:

- | | | | |
|--|--|---|-------------|
| <input type="checkbox"/> 1. NRCES PERMIT | <input type="checkbox"/> 2. SPCP PLAN | <input checked="" type="checkbox"/> 3. STATE PERMIT(specific) | TDA #002534 |
| <input type="checkbox"/> 4. AIR PERMITS | <input type="checkbox"/> 5. LOCAL PERMIT | <input type="checkbox"/> 6. RCRA TRANSPORTER | |
| <input type="checkbox"/> 7. RCRA STORER | <input type="checkbox"/> 8. RCRA TREATER | <input type="checkbox"/> 9. RCRA DISPOSER | |

B. IN COMPLIANCE?

1. YES 2. NO 3. UNKNOWN

C. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- A. NONE B. YES (complete below)

IX. INSPECTION ACTIVITY (past or on-going)

A. NONE

B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mm, dd, yy)	3. PERFORMED BY (EPA/State)	4. DESCRIPTION

X. REMEDIAL ACTIVITY (past or on-going)

A. NONE

B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mm, dd, yy)	3. PERFORMED BY (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

RCRA 3012 PRELIMINARY ASSESSMENT COMMENTS
LANE AVIATION, INC.
P. O. BOX 432
ROSENBURG, TEXAS 77471

Documentation of Site Activities

A RCRA 3012 preliminary assessment was conducted by Henry E. Simpson of Engineering-Science, Inc. concerning the aerial application procedures of Lane Aviation, Inc. (LA). The assessment, performed on February 28, 1985 at 2:00 p.m., consisted of an interview with Mr. Mel Chynoweth, Manager, and with Mr. George Lane, Chairman of the Board, a site surveillance and a photograph. Mr. George Lane owns the 5-acre site with an office, hangars, and storage buildings. The site was very clean and orderly.

Waste Management Practices

LA has been in business at this site since 1946. During the spraying season there are six employees, including two pilots. Water for mixing comes from two wells on the site. The farmers furnish all of the chemicals in 1-, 2.5-, 5-, 35- and 55-gallon containers. The chemicals are pumped directly into the plane from the 5-gallon cans which are opened, rinsed, and crushed in their Captain Crunch machine. Chemicals from the other containers are pumped through a meter into vats and mixed with water. All containers and vats are flushed with water, which is pumped into the plane. They finish filling the plane's hopper with clear water. When using oil to mix with the chemicals, the oil is water emulsified and is flushed into the plane with water. The plane's hopper rinsate and external wash water runs into an underground tank and is then pumped into a vat to be used as make up to be sprayed on the field. The crushed 5-gallon cans and the plastic containers are taken to the Rosenberg landfill. The farmers take all of the large barrels. Chemicals are kept in a locked storage building until they are used. Excess chemicals are pumped into a vat to be used later. Approximately 10% of the mixing is done at this site. They use approximately 11 remote strips close to the fields of application for the other mixing. They have had no complaints with regard to disposal or spills.

Assessments and Conclusions

The land around the site is used for farming milo, rice, and soybeans. The soil around the site is a light sand and a sandy loam which is over a clay bed at the surface to six feet deep. The bed is approximately 4 to 5 feet thick. The site drains to the southeast into a dry creek bed. There are two domestic water wells on the site and there is no nearby surface water. The site is clean and orderly with locked hangars and a guard. Since no waste is disposed of at the site, no further action is recommended under the RCRA 3012 program.

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Photographer / Witness

Henry E. Simpson

Date / Time / Direction

2/28/85 4:25 pm NW

Comments: loading and wash

pad, mixing area, storage

building.

Photographer / Witness

Date / Time / Direction

Comments: _____